

13 Rec'd PCT/PTO 21 FEB 1990

07/46086
0627.1220004

IN THE PCT/US RECEIVING OFFICE
UNDER THE PATENT COOPERATION TREATY

In re Application of: BRIGHAM & WOMEN'S HOSPITAL, HOWARD
L. WEINER AND DAVID S. HAFLER

International Application No.: PCT/US88/02139

International Filing Date: 24 June 1988

Title: TREATMENT OF AUTOIMMUNE DISEASES BY ORAL
ADMINISTRATION OF AUTOANTIGENS

Honorable Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Attn: Brita Ruen

Sir:

Pursuant to the request of Brita Ruen, enclosed herewith is a copy of the Date-Stamped Receipt Card bearing a PTO Mail Room receipt date of December 26, 1989, which verifies receipt by the Patent and Trademark Office of the Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) (Form PTO-1390 (Rev. 6-87)) and our check no. 3888 in the amount of \$490.00 for entry of the above-noted International Application into the U.S. National Phase. The deadline for entry into the U.S. National Phase was December 24, 1989, which was a Sunday, and the following day the 25th, a legal holiday. In that the US/RO Office has been unable to locate our Transmittal Letter, and further in accordance with Ms. Ruen's request, we are submitting

with this letter another executed original Transmittal Letter so that the U.S. National Phase might progress.

An executed Combined Declaration For Patent Application and Power of Attorney, Power of Attorney from Assignee, and Assignment are also attached, along with a Preliminary Amendment. Our check in the amount of \$8.00 in payment of the Assignment recordal fee is enclosed. The Commissioner is hereby authorized to charge any additional fees, or credit any over payments to the undersigned's deposit account no. 19-0036. A duplicate copy of this letter is attached.

Respectfully submitted,



Samuel L. Fox
Registration No. 30,353
Attorney for Applicant

21 February 1990
c4:627122US.PCT

| FORM PT -1390 (REV. 6-87) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NUMBER 0627.1220004 | |
|--|---|--|------------------|--|------------------|
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) | | | | | |
| INTERNATIONAL APPLICATION NO. PCT/US88/02139 | | INTERNATIONAL FILING DATE 24 June 1988 (24.06.88) | | PRIORITY DATE CLAIMED 24 June 1987 (24.06.87) | |
| TITLE OF INVENTION TREATMENT OF AUTOIMMUNE DISEASES BY ORAL ADMINISTRATION OF AUTOANTIGENS | | | | | |
| APPLICANT(S) FOR DO/EO/US Howard L. WEINER and David A. HAFLER | | | | | |
| Applicant herewith submits to the United States Designated/ Elected Office (DO/EO/US) the following items under 35 U.S.C. 371: | | | | | |
| 1. <input type="checkbox"/> This express request to immediately begin national examination procedures (35 U.S.C. 371(f)). 2. <input checked="" type="checkbox"/> The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees as follows: | | | | | |
| CLAIMS | (1) FOR | (2) NUMBER FILED | (3) NUMBER EXTRA | (4) RATE | (5) CALCULATIONS |
| | TOTAL CLAIMS | 19 -20- | 0 | X\$12.00 | \$ 0 |
| | INDEPENDENT CLAIMS | 2 -3- | 0 | X\$34.00 | 0 |
| | MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | +\$110.00 | 0 |
| | BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(4)): | | | | 370.00 |
| | <input checked="" type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) \$370 <input type="checkbox"/> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but International search fee paid to USPTO (37 CFR 1.445 (a)(2)) \$340 <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$450 <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2) to (4) \$50 | | | | |
| | Surcharge of \$110. for furnishing the National fee or oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482(e)). | | | | 120.00 |
| | TOTAL OF ABOVE CALCULATIONS | | | | - |
| | Reduction by 1/2 for filing by small entity, if applicable. Affidavit must be filed also. (Note 37 CFR 1.9, 1.27, 1.28.) | | | | |
| | SUBTOTAL | | | | + |
| | Processing fee of \$26. for furnishing the English Translation later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482(f)). | | | | |
| | TOTAL NATIONAL FEE | | | | \$ 490.00 |
| | Fee for recording the enclosed assignment (37 CFR 1.21(h)). | | | | + |
| | TOTAL FEES ENCLOSED | | | | \$ |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed. d. <input checked="" type="checkbox"/> Payment of \$490.00 to cover above fees previously submitted pursuant to attached copy of Date-Stamped Receipt Card. | | | | | |

ATTORNEY'S DOCKET NUMBER

0627.1220004

3. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. is not required, as the application was filed in the United States Receiving Office (RO/US).
 - c. has been transmitted by the International Bureau.
4. A translation of the International Application into English (35 U.S.C. 371(c)(2)).
5. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
6. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
7. An oath or declaration of the inventor (35 U.S.C. 371(c)(4)).
8. A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36(35 U.S.C. 371(c)(5)).

Other document(s) or information included:

9. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
10. An assignment document for recording.

Please mail the recorded assignment document to:

- a. the person whose signature, name & address appears at the bottom of this page.
- b. the following:

11. The above checked items are being transmitted
 - a. before the 18th month publication.
 - b. after publication and the Article 20 communication but before 20 months from the priority date.
 - c. after 20 months but before 22 months (surcharge and/or processing fee included).
 - d. after 22 months (surcharge and/or processing fee included).

Note: Petition to revive (37 CFR 1.137(a) or (b)) is necessary if 35 U.S.C. 371 requirements submitted after 22 months and no proper demand for International Preliminary Examination was made by 19 months from the earliest claimed priority date.
 - e. by 30 months and a proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
 - f. after 30 months but before 32 months and a proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date (surcharge and/or processing fee included).
 - g. after 32 months (surcharge and/or processing fee included).

Note: Petition to revive (37 CFR 1.137(a) or (b)) is necessary if 35 U.S.C. 371 requirements submitted after 32 months and a proper demand for International Preliminary Examination was made by 19 months from the earliest claimed priority date.
12. At the time of transmittal, the time limit for amending claims under Article 19
 - a. has expired and no amendments were made.
 - b. has not yet expired.
13. Certain requirements under 35 U.S.C. 371 were previously submitted by the applicant on _____, namely:
date _____

SAMUEL L. FOX

NAME

SAIDMAN, STERNE, KESSLER & GOLDSTEIN

ADDRESS

1225 Connecticut Avenue, N.W., Suite 300

Washington, D.C. 20036

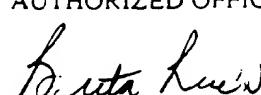
SIGNATURE

30,353

REGISTRATION NUMBER

17/460852

#2

| | | |
|---|--|--|
| <p>SAMUEL L. FOX 1225 CONNECTICUT AVENUE WASHINGTON, D.C. 20036</p> | | <p>UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) NOTIFICATION OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C. 371 AND 37 CFR 1.494 OR 1.495</p> |
| | | <p>Date of Mailing 21 February 1990</p> |
| | | <p>File Reference 0627.1220004</p> |
| IDENTIFICATION OF THE INTERNATIONAL APPLICATION | | |
| International application Number PCT/US88/02139 | International filing date 24 June 1988 | Priority date claimed 24 June 1987 |
| <p>Applicant for DO/EO/US WEINER et al.</p> | | |
| NOTIFICATION | | |
| <p>The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a <input type="checkbox"/> Designated Office, <input checked="" type="checkbox"/> Elected Office, has determined that the above identified international application has met the requirements of 35 U.S.C. 371 and 37 CFR <input type="checkbox"/> 1.494, <input checked="" type="checkbox"/> 1.495 and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.</p> | | |
| <p>The United States Serial Number assigned to the application and the relevant dates are:</p> <p><u>17/460852</u> <u>21 February 1990</u> <u>21 February 1990</u></p> | | |
| U.S.NATIONAL SERIAL NO. | 35 U.S.C. 102(e) DATE | DATE OF RECEIPT 35 U.S.C. 371 REQUIREMENTS |
| <p><input checked="" type="checkbox"/> A request for immediate examination under 35 U.S.C. 371 (f) was received on <u>21 February 1990</u> and the application will be examined in turn.</p> <p><input type="checkbox"/> No request for immediate examination under 35 U.S.C. 371(f) was received. The application will not be processed or examined before the time limit set forth in either <input type="checkbox"/> PCT Article 23 (Chapter I of the PCT), or <input checked="" type="checkbox"/> PCT Article 40 (Chapter II of the PCT) whichever is applicable.</p> | | |
| UNITED STATES DESIGNATED/ ELECTED OFFICE | | |
| ADDRESS ONLY: COMMISSIONER OF PATENTS AND TRADEMARKS Box PCT, Attn. DO/EO/US Washington, D.C. 20231 | <p>AUTHORIZED OFFICER</p>  | |

11/460852

FEES SUBMITTED OR AUTHORIZED:

NOTE: Please stamp
file "FILED"
UNDER 35 USC 371.

I. Non-Small Entity Patent Processing Fees

| FEE | CODE | CASH | CHARGE |
|---|------|--------|------------|
| Basic (\$330) | 956 | \$.00 | \$.00 |
| (\$370) | 958 | \$.00 | \$ 370 .00 |
| (\$500) | 960 | \$.00 | \$.00 |
| (\$ 50) | 962 | \$.00 | \$.00 |
| Each Independent Claim in EXCESS OF 3 | | \$.00 | \$.00 |
| Claim(s) in EXCESS OF 20 | | \$.00 | \$.00 |
| Multiple Dependent Claim(s) | | \$.00 | \$.00 |
| Surcharge for Late Fees/Oath or Declaration | 154 | \$.00 | \$ 120 .00 |

II. Small Entity Patent Processing Fees

| FEE | CODE | CASH | CHARGE |
|--|------|--------|--------|
| Basic (\$165) | 957 | \$.00 | \$.00 |
| (\$185) | 959 | \$.00 | \$.00 |
| (\$250) | 961 | \$.00 | \$.00 |
| (\$ 25) | 963 | \$.00 | \$.00 |
| Each Independent Claim in EXCESS OF 3 | | \$.00 | \$.00 |
| Claim(s) in EXCESS OF 20 | | \$.00 | \$.00 |
| Multiple Dependent Claim(s) | | \$.00 | \$.00 |
| Surcharge for Late Fee/Oath or Declaration | 254 | \$.00 | \$.00 |

III. Other Fees - NO SMALL ENTITY REDUCTION

| | CODE | CASH | CHARGE |
|---------------------------|------|----------|--------|
| Surcharge for Late Trans. | 156 | \$.00 | \$.00 |
| Assignment | 518 | \$ 8 .00 | \$.00 |
| Returned Check | 617 | \$.00 | \$.00 |

\$.00 \$ 490 .00
 TOTAL CASH TOTAL CHARGE